POLICE

GENERAL MOTORS FLEET

2023

BOLT EUV SPECIAL SERVICE

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gm FLEET

About This Publication

This catalog is not updated during the model year and should not be used for ordering purposes. It is intended as a source of basic information. All illustrations and specifications in this literature are based on the latest product information available at the time of publication. General Motors reserves the right to make changes at any time without notice. For further details, consult your local dealer.

Care must be taken during customer installation of equipment and wiring to ensure that all holes drilled in the body are corrosion protected, properly sealed and that vehicle wiring harnesses, piping or other components have not been displaced or damaged. Aftermarket equipment installers must be mindful of applicable Federal Motor Vehicle Safety Standards. This information can be obtained directly from the National Highway Traffic Safety Administration. Adding non-dealer accessories or making modifications to the vehicle can affect vehicle performance, aerodynamics, and overall top speed. Please return all vehicles to factory condition and settings upon decommissioning to prevent civilians from using these new 2023 calibrations, lighting and other features intended only for and emergency customers. Wiring connection or splice changes are to be removed before the vehicle is returned to civilian use.

These vehicles are equipped with an airbag system. The airbag system in your vehicle includes frontal driver and front outboard passenger airbags, front seat back side impact airbags and roof rail mounted head-curtain airbags. Customer installed equipment such as security barriers behind the front seats should not be mounted so that the barrier ends are within the side airbag deployment zones. The sensors and other components for the airbag system must not be relocated to accommodate the installation of customer furnished equipment; please refer to the service manual for sensor and other component locations. For information concerning instrument panel top pad mounted equipment and airbag system deployment zones, see the airbag information section in this catalog and the vehicle owners manual.

A note about vehicle alterations by independent suppliers: This catalog shows pictures of vehicles that have been altered or upfitted with equipment or components supplied to Chevrolet or its dealers by independent suppliers. GM is not responsible for the safety or quality of design features, materials or workmanship of any alterations by third parties.

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1. Always use seat belts and child restraints. Children are safer when properly secured in a rear seat in the appropriate child restraint.. See the Owner's Manual for more information.

STANDARD BOLT EUV SSV INTERIOR FEATURES

4G LTE WI-FI HOTSPOT	Can connect up to 7 devices; includes 4G LTE data trial for 1 month or 3GB (whichever comes first). Available Wi-Fi requires compatible mobile device, active OnStar service and data plan. Data plans provided by AT&T. Visit www.gmfleet.com/technology/connected-vehicle.html for details and system limitations.
12V POWER OUTLET	12V auxiliary, located forward of the front storage bin.
AIR CONDITIONING	Single-zone automatic climate control.
AIR FILTER	Passenger Cabin.
ASSIST HANDLES	Front passenger and rear outboard.
AUDIO SYSTEM	6 speaker Chevrolet Infotainment 3 Plus system, 10.2" diagonal HD color touchscreen, AM/FM stereo, SD card receptacle.
BLUETOOTH®[1]	Personal cell phone connectivity to vehicle audio system, Apple CarPlay[2] and Android Auto[3] capable, enhanced voice recognition, in-vehicle apps, cloud connected personalization for select infotainment and vehicle settings. Subscription required for enhanced and connected services after trial period.
CHEVY SAFETY ASSIST[4]	Includes Automatic Emergency Braking, Front Pedestrian Braking, Lane Keep Assist with Lane Departure Warning, Following Distance Indicator, Forward Collision Alert and IntelliBeam.
COMPASS	Displayed in digital gage cluster (see Picture on Speedometer/Cluster page).
CRUISE CONTROL	Electronic with set and resume speed.
DETERRENT ALARM SYSTEM	Electrical, unauthorized entry. Immobilizer.
DOME LAMPS	Reading and Courtesy lights in front and rear overhead console activated by door handle or Remote Keyless Entry. Surveillance Mode for exterior and interior lighting OFF calibration.
DRIVER INFORMATION CENTER	8" diagonal enhanced multi-color configurable graphic display with 2 themes and energy-use monitors with programmable charge times.
FLEET CONNECTED ACCESS	Fleet Connected Access with 10 years of standard connectivity which enables services such as, Vehicle Diagnostics, Dealer Maintenance Notification, Chevrolet Smart Driver, Marketplace and more. Limitations apply. Not transferable. Standard connectivity available to original purchaser for ten years from the date of initial vehicle purchase for model year 2023 or newer Chevrolet vehicles. See www.gmfleet.com/technology/connected-vehicle.html for details and further plan limitations. Connected Access does not include emergency or security services. Availability and additional services enabled by Connected Access are subject to change.
FLOOR MATS	Carpeted front and rear.
KEY FOB	Two KEYS/FOBS and mechanical keys for ignition and doors. Four additional fobs are available. While and unlimited number of learned KEYS/FOBS can operate Keyless start and Keyless open, for a particular vehicle, only the last 8 KEYS/FOBS learned will allow the key fob buttons to work. See Available Options page for ordering codes. See Optional Equipment page for programming procedure .
KEYLESS OPEN	Keyless Open allows you to lock and unlock the vehicle using the driver door or front passenger door handle without taking the key fob out your pocket. Keyless open, with the key fob in your possession, locks and unlocks your vehicle's doors without having to use the key fob, increasing convenience. If the key fob battery is depleted or due to wireless interference, vehicle may be unlocked using the mechanical key. See Owners Manual for details.
KEYLESS START	Keyless Start allows you to start the vehicle when the key fob is inside the vehicle at the front seats and without taking the key fob out of your pocket. Keyless start uses an integrated key fob sensor instead of a traditional key. If the key fob battery is depleted or due to wireless interference, vehicle may also be started by resting the key fob on top of the start button. See Owners Manual for details.
HD REAR VISION CAMERA[4]	Provides driver a high-resolution digital image of the area directly behind the vehicle when in Reverse at low speeds.
INSTRUMENTATION	"8" diagonal enhanced multi-color configurable graphic display with 2 themes and energy-use monitors.
LIGHTING	Interior ambient, door handle or Remote Keyless Entry-activated illuminated entry and map lights for front and rear outboard seat positions with control switch in the roof console. Rear cargo compartment lamp activated by liftgate power remote lock/unlock.
MIRROR	Inside rearview manual day/night.
OUTSIDE TEMPERATURE	Located in the infotainment display.
ONSTAR®[5]	Properly equipped vehicles receive a 3 month trial of Driver Remote Access Plan, 3 months of Safety & Security coverage, and 1 month or 3GB of 4G LTE data (whichever comes first).

1. Go to my.chevrolet.com/learn to find out which Bluetooth phones are compatible with the vehicle **2.** Vehicle user interface is a product of Apple® and its terms and privacy statements apply. Requires compatible iPhone® and data plan rates apply. Apple CarPlay, Siri, iPhone and Apple Music are trademarks of Apple, Inc., registered in the U.S. and other countries. **3.** Vehicle user interface is a product of Google and its terms and privacy statements apply. To use Android Auto on your car display, you'll need an Android phone running Android 6 or higher, an active data plan, and the Android Auto app. Google, Android and Android Auto are trademarks of Google LLC. **4.** Safety or driver assistance features are no substitute for the driver's responsibility to operate the vehicle in a safe manner. The driver should remain attentive to traffic, surroundings and road conditions at all times. Visibility, weather, and road conditions may affect feature performance. Read the vehicle's owner's manual for more important feature limitations and information. **5.** OnStar services require vehicle electrical system (including battery), wireless service and GPS satellite signals to be available and operating for features to function properly. OnStar acts as a link to existing emergency service providers. Subscription Service Agreement required. Call 1.888.4ONSTAR (1-888-466-7827) or visit onstar.com for OnStar Terms and Conditions, Privacy Policy, details and system limitations.

RESTRAINT SYSTEM	3-point seat belts at all designated seating positions with driver and front passenger pretensioners and load limiters. Airbags[1]: Frontal and knee for driver and front passenger, head-curtain and seat-mounted side impact for front and rear outboard seating positions, includes Passenger Sensing System.
SEATS, FRONT	Cloth bucket seats with driver 8-way power adjuster and 2-way power lumbar. Adjustable head restraints.
SEATS, REAR	Cloth 60/40 split-folding with adjustable head restraints.
STEERING COLUMN	Tilt and telescopic.
STEERING COLUMN/WHEEL	Deluxe, flat-bottom.
STEERING WHEEL CONTROLS	Mounted audio, phone, cruise control, Regen on Demand, steering wheel paddle, regenerative braking.
TEEN DRIVER[2]	A configurable feature that lets you activate customizable vehicle settings associated with a key FOB, to help encourage safe driving behavior. It can limit certain available vehicle features, and it prevents certain safety systems from being turned off. An in-vehicle report card gives you information on driving habits and helps you to continue to coach your new driver.
USB PORTS[3]	One type-A and one type-C, charging only. Located on rear of center console.
VISORS	Driver and front passenger vanity mirrors, covered, sliding.
WARNING TONES	Headlamp on, key-in-ignition, driver and right-front passenger seat belt unfasten.
WINDOWS, POWER	Front driver and front passenger express-up and express-down. Rear express-down.

STANDARD BOLT EUV SSV EXTERIOR FEATURES

ANTENNA	Roof-mounted shark fin, body-color.
BODY SIDE MOLDINGS	Not available.
DEFOGGER	Electric, rear window.
DOOR HANDLES	Body color.
DOOR LOCKS	Door locks can be programmed via radio settings menu. Lock cylinder is only available on driver door. Other side doors and lift gate are controlled by driver door-mounted switches. Includes 2 remote transmitters. See also LOCKOUT PROTECTION.
FASCIA, REAR	Body color.
FOG LAMPS	Not available.
GLASS	Solar absorbing.
HEADLAMPS	LED, Daytime Running Lights, automatic on and off, IntelliBeam auto high beams. Alternating headlamp assembly is not recommended. General Motors is not responsible for the effects of any modifications.
HORNS	Dual note.
KEYLESS ENTRY REMOTES	Two extended range keys/fobs with panic button. Remote feedback can be programmed via radio Vehicle Settings.
LUGGAGE RACK	Siderails, roof-mounted.
MIRRORS, OUTSIDE	Outside heated, power-adjustable, manual-folding with integrated turn signal indicators.
PEDESTRIAN SAFETY SIGNAL	Automated external sound generator at low speeds. Alerts pedestrians of vehicle presence.
REAR LIFTGATE	Manual gate. Unlock buttons located on exterior and remote FOB.
RECOVERY HOOK	Front and rear.
TAIL LAMPS	LED stop and tail, LED center high-mounted Stop/brake (CHMSL).
TIRES	P215/50R17 all-season blackwall, Michelin Selfseal puncture-sealing.
TIRE PRESSURE MONITOR	Manual learn.
WHEELS	17" (43.2 cm) Silver painted aluminum.
WINDSHIELD	Solar absorbing.
WIPERS, WINDSHIELD	Front intermittent, variable, with washers.
WIPER, REAR	Intermittent with washer.

1. Always use seat belts and child restraints. Children are safer when properly secured in a rear seat in the appropriate child restraint. See the Owner's Manual for more information. **2.** Safety or driver assistance features are no substitute for the driver's responsibility to operate the vehicle in a safe manner. Read the vehicle owner's manual for important feature limitations and information. **3.** Not compatible with all devices."

STANDARD BOLT EUV SSV ELECTRICAL FEATURES

BATTERIES	12-volt with rundown protection. Propulsion, Lithium-ion, Rechargeable Energy Storage System.
CHARGING PORT	Illuminated Charging Port.
LOCKOUT PROTECTION	Power programmable door locks with lockout protection.
WIRELESS CHARGING[1]	Wireless charging station for devices.

STANDARD BOLT EUV SSV MECHANICAL FEATURES

ACTIVE HILL HOLD ASSIST	This feature is designed to prevent the vehicle from rolling, either forward or rearward, during vehicle drive off.
IGNITION BATTERY	Primary cca, amp-hour rating.
BRAKES	Four-wheel disc with ABS, electro-hydraulic, partially regenerative.
CHARGE CONTROL	Programmable time of day with charging status indicator light on instrument panel. Location based, selectable GPS enabled with programmable "home" charging setting.
CHARGING MODULE	11.5 kW high-voltage.
DUAL LEVEL CHARGE CORD	Dual Level, 120-volt and 240-volt capability, changeable NEMA 5-15 and NEMA 14-50 plugs with SAE J1772 vehicle connection
IGNITION BATTERY	12-volt with rundown protection.
LIMITED WARRANTY	See Maintenance and Warranty page for information.
STABILITY CONTROL	StabiliTrak/ESC activates when the vehicle senses a difference between the intended path and the direction the vehicle is actually traveling. StabiliTrak/ESC selectively applies braking pressure to any one of the vehicle wheel brakes to assist the driver in keeping the vehicle on the intended path.
STEERING	Power, non-variable ratio, electric.
SUSPENSION	Performance Ride and Handling, front independent, rear semi-independent, compound crank.
TRANSMISSION	Electric drive unit, (200 hp [150 kW] 266 lb-ft of torque [360 N-m]).

OPTIONAL INTERIOR FEATURES

FLOOR LINERS	All-weather cargo mat (VLI) and all-weather floor mats (VAV).
FLOOR MATS	Carpeted front (B32) and carpeted rear (B33).
SHADE	Reflective front window shade (SFJ).

OPTIONAL EXTERIOR FEATURES

LICENSE PLATE BRACKET	Front mounting package (VK3). Included on orders with ship-to states that require front license plate).

OPTIONAL SHIP THRU

YO1	Ship Thru - Produced in Orion Assembly shipped to Adrian Steel/CVI, Toledo, OH. Returned to Orion Assembly for shipping to final destination. (Dealer Invoice = $365) Requires a Fleet or Government order type.
A6U	Ship Thru - Produced in Orion, MI and shipped to Reading Equipment and Distribution, Pontiac, MI. Returned to Orion, MI for shipping to final destination. (Dealer Invoice = $225) Requires a Fleet or Government order type.
W94	Ship Thru - Produced in Orion, MI and shipped to Canfield Equipment, Warren, MI. Returned to Orion, MI for shipping to final destination. (Dealer Invoice = $200) Requires a Fleet or Government order type.
WL5	Ship Thru - Produced in Orion, MI and shipped to Knapheide Truck Equipment, Flint, MI. Returned to Orion, MI for shipping to final destination. (Dealer Invoice = $215) Requires a Fleet or Government order type.

1. The system wirelessly charges one compatible mobile device. Some phones have built-in wireless charging technology and others require a special adapter/back cover. To check for phone or other device compatibility, see my.chevrolet.com/learn or consult your carrier.

POWERTRAIN

	ENGINE	TRANSMISSION	AXLE
OPTION CODE	TYPE	TYPE	RATIO
ENO	Permanent magnetic drive motor	Automatic Electronic	7.05:1

TIRES

MANUFACTURER	QUANTITY	SIZE	SPEED & LOAD RATING	TYPE
MICHELIN	4	P215/50R17	91H	All-Season blackwall SELFSEAL

NOTE:

Due to specific requirements for performance durability and safety, GM recommends only the original equipment tires for replacement.

SPECIFICATIONS

2-wheel DRIVE	
Model	LT (1FF48)
Drive	2-wheel
Projected top speed[1] on racetrack (without equipment)	98 mph
Acceleration (based on initial vehicle movement without equipment)	0-60mph in 7.0sec
Projected top speed in reverse (without equipment)	
EPA-ESTIMATED ELECTRIC RANGE ON A FULL CHARGE[6]	247 mi

VEHICLE WEIGHT (LBS./KG.)	
GVWR[3] (Gross Vehicle Weight Rating)	2127/4689
FGAWR (Front Gross Vehicle Weight Rating)	1069/2356
RGAWR (Rear Gross Vehicle Weight Rating)	1058/2333
Payload[4]	396/873
Base Curb Weight (Minimum)	3679/1669

PASSENGER COMPARTMENT

VOLUME INDEX (cu.ft./liters)	
Passenger Volume (Minimum)	96.5/1669

FRONT COMPARTMENT (in./mm)	
Head room (Maximum)	40/1016
Shoulder room	54.6/1387
Hip room	51.38/1305
Leg room	44.25/1124

SECOND ROW REAR COMPARTMENT (in./mm)	
Head room	37.8/960
Shoulder room	51.97/1320
Hip room	50.2/1275
Leg room	39.1/993

EXTERIOR (in./mm)	
Wheelbase	105.3/2675
Overall length	169.51/4306
Body width (with Mirrors)	80.63/2048
Overall height[5] (Maximum)	63.62/1616
Lift in height[5] (Top of load floor to ground [max])	30.31/770
Step-in height (max)	
Front track width	59.49/1511
Rear track width	59.49/1511
Turning diameter curb to curb with 17" wheels (ft./m)	38.3/11.7
Approach angle	15 deg
Departure angle	28.5 deg
Breakover angle	14.3 deg
Ground Clearance[6]	5.6/142
Fording depth	30 cm maximum at 10 kph

CARGO	
Load floor length to center of front seat at floor (in./mm)	
Load floor length to center of 2nd seat at floor (in./mm)	
Inside width between wheelhouse (in./mm)	
Cargo area height (in./mm)	
Cargo volume[2] maximum behind front seat (cu. ft./liters)	56.9/1611.4
Cargo volume[2] maximum behind second seat (cu. ft./liters)	
Cargo volume[2] behind rear seat (cu. ft./liters)	16.3/462

1. Adding non dealer accessories or making modifications to the vehicle can affect vehicle performance, aerodynamics, and overall top speed. **2.** Cargo and load capacity limited by weight and distribution. **3**. Gross Vehicle Weight Rating (GVWR). When properly equipped, includes vehicle, passengers, cargo and equipment. **4.** These maximum payload ratings are intended for comparison purposes only. Before you buy a vehicle or use it to haul people or cargo, carefully review the vehicle loading section of the Owner's Manual and check the carrying capacity of your specific vehicle on the label on the inside of the driver's door jamb. **5.** Published dimension indicated is from ground and without optional equipment or accessories. Additional accessories or equipment ordered at the customer's request can result in a minor change in this dimension **6.** EPA estimated. Actual range will vary based on several factors, including temperature, terrain, battery age, loading, use and maintenance.

SPECIFICATIONS

POWERTRAIN	STANDARD
Type	Single motor and gear set
Motor	Permanent magnetic drive motor
Power(hp/kW)	200/150
Torque(lb-ft/Nm)	266/360

DRIVE BATTERY	
Type:	Rechargeable energy storage system comprising multiple linked modules
Mass (lb / kg):	947 / 430
Battery chemistry:	Lithium-ion
Cells:	288
Energy	65 kWh
Warranty[1]	8 years / 100,000 miles of battery and electric components coverage

TRANSMISSION
Single Speed Integrated with Electric Motor

AXLE	
Ratio	7.05:1

BRAKES	
eBoost ABS	Disc/Disc
Front-swept area (sq. in./sq. cm)	
Rear-swept area (sq. in./sq. cm)	
Front rotor diameter (in./mm)	15/276 (vented)
Rear rotor diameter (in./mm)	15/264 (solid)
Front rotor thickness (in./mm)	
Rear rotor thickness (in./mm)	

TIRES	
Type	Michelin Selfseal puncture-sealing, All-season
Size	P215/50R17

WHEELS	
Type	Bright Silver painted aluminum
Size	17″

CHASSIS	
Suspension Type Front	Independent MacPherson strut-type with direct-acting solid stabilizer bar
Suspension Type Rear	Compound Crank (Torsion Beam) w/Coil Springs
Steering ratio	16.8:1
Turning Radius	10.6m/34.8ft

SERVICE BATTERY	
Type	Maintenance free
BCI group size	LN1
Volts	12 V
Amp hour rating	50 ah
Reserve capacity	80 min
Cold cranking-amps	520 a

CHARGING TIMES	
120 V[2]	4 miles of range in approx. 1 hour
240 V[2]	Full charge in approx. 7 hours
DC Fast Charge[3]	Up to 95 miles in 30 mins

1. Limited warranty. Whichever comes first. See dealer for details. **2.** Actual charge times will vary based on battery condition, output of charger, vehicle settings and outside temperature. See owner's manual for additional limitations. **3.** Actual charge times will vary based on battery starting state of charge, battery condition, output of charger, vehicle settings and outside temperature. See owner's manual for additional limitations.

AVAILABLE EXTERIOR COLORS ACTUAL COLORS MAY VARY

Silver Flare
Metallic
WA-251F

Mosaic Black
Metallic WA-384A

Bright Blue
Metallic*
WA-327E

Ice Blue
Metallic
WA-621G

Gray Ghost
Metallic
WA-247F

Summit
White
WA-8624

Radiant Red
Tintcoat*
WA-170H

* Additional Charge.

AVAILABLE INTERIOR COLOR ACTUAL COLORS MAY VARY

Jet Black Cloth
H1N

Dark Ash Gray /
Sky Cool Gray
Leather
HPG

Jet Black Night shift
Blue Leather

CHARGING SYSTEM DESCRIPTION AND OPERATION

12 V BATTERY

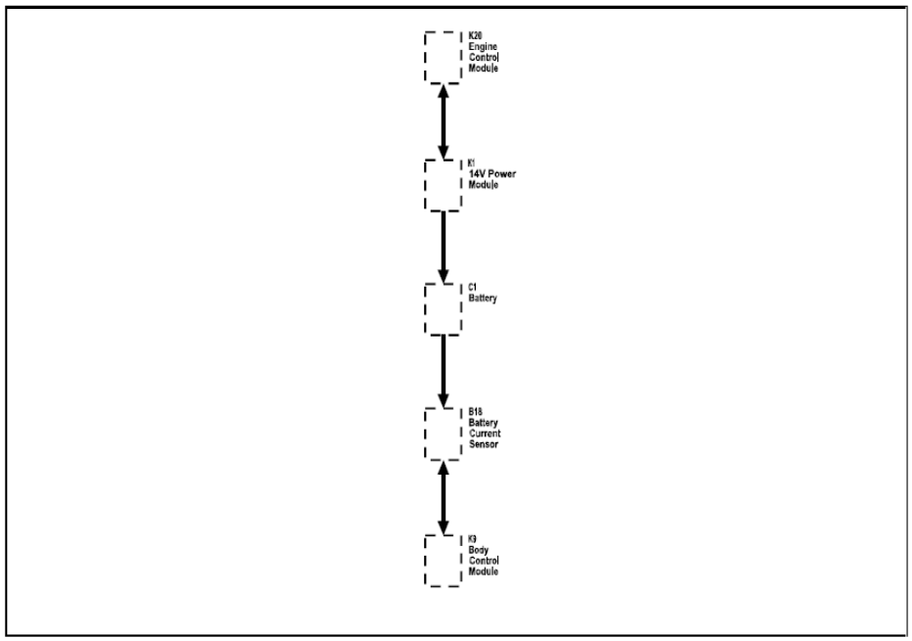
The following information is for the 12 V battery only.
For information about charging the high voltage drive motor batteries, refer to Drive Motor Battery System Description.

CHARGING SYSTEM OPERATION

The purpose of the charging system is to maintain the battery charge and vehicle loads. The main difference between a conventional generator charging system and this system is that the generator has been replaced by the 14V Power Module. The 14V Power Module provides the power to charge the battery from the high voltage system. There are 7 modes of operation and they include:

- Battery Sulfation Mode
- Normal Mode
- Fuel Economy Mode
- Headlamp Mode
- Voltage Reduction Mode
- Battery Maintenance Mode
- Plant Assembly Mode

CHARGING BLOCK DIAGRAM



CHARGING SYSTEM COMPONENTS

The 14V Power Module provides the power to charge the battery from the high voltage system. The ECM provides a pulse width charge request signal (L Terminal) to the 14V Power Module. The 14V Power Module returns a PWM feedback signal (F Terminal) to the ECM. The 14V Power Module reports status and fault modes as a function of duty cycle. The 14V Power Module charges the battery based on the ECM signal.

DRIVE MOTOR/GENERATORS

The drive motor/generators are serviceable components located within the transmission housing. When the rotors are spun, an alternating current (AC) is induced into the stator windings. This AC voltage is then sent to the drive motor generator power inverter module (PIM) where it is converted to high voltage direct current (DC) power. The output of the PIM is converted into low voltage electrical power by the accessory DC power converter module

14V Power Module for use by the vehicle's electrical system to maintain electrical loads and battery charge.

BODY CONTROL MODULE (BCM)

The body control module (BCM) is a GMLAN device. It communicates with the engine control module (ECM) and the instrument panel cluster for electrical power management operation. The BCM determines the desired voltage set point and sends the information to the engine control module (ECM) which sends this information to the 14V Power Module. The BCM monitors a battery current sensor, the battery positive voltage circuit, and

estimated battery temperature to determine battery state of charge.

BATTERY CURRENT SENSOR

The battery current sensor is a serviceable component that is connected to the negative battery cable at the battery. The battery current sensor is a 3-wire hall effect current sensor. The battery current sensor monitors the battery current. It directly inputs to the BCM. It creates a 5 V pulse width modulation (PWM) signal of 128 Hz with a duty cycle of 0-100 percent. Normal duty cycle is between 5-95 percent. Between 0-5 percent and 95-100 percent are for diagnostic purposes.

ENGINE CONTROL MODULE (ECM)
The ECM receives control decisions based on messages from the BCM as well as the HPCM2

INSTRUMENT PANEL CLUSTER
The instrument panel cluster provides a means of customer notification in case of a failure and a voltmeter. There are 2 means of notification, a charge indicator and a driver information center message of SERVICE BATTERY CHARGING SYSTEM.

HYBRID/EV POWERTRAIN CONTROL MODULE 2 (HPCM2)
The Hybrid/EV Powertrain control module (HPCM2) is a GM LAN device. It communicates with the engine control module (ECM) to control the voltage set point sent to the 14V Power Module during the battery maintenance mode.

BATTERY SULFATION MODE
Battery sulfation mode is used to help maintain the battery life. The charging system will enter a battery sulfation mode which tries to increase the vehicle charging when the charging system voltage is less than 13.2 V for about 30 minutes. Once in this mode, the BCM will set a targeted output voltage between 13.9-15.5 V for about 5 minutes. Following this 5 minutes, the BCM will then determine which mode to enter depending on the system voltage requirements.

NORMAL MODE
- The wipers are ON for more than 3 seconds.
- GMLAN Climate Control Voltage Boost Mode Request is true, as sensed by the HVAC control head. High speed cooling fan, rear defogger and HVAC high speed blower operation can cause the BCM to enter the Charge Mode.
- The estimated battery temperature is less than 0° C (32° F).
- Vehicle Speed is greater than 145 km/h (90 mph)
- Current Sensor Fault Exists
- System Voltage was determined to be below 12.56 V
- Tow/Haul Mode is enabled

When any one of these conditions is met, the system will set targeted generator output voltage to a charging voltage between 13.9-15.5 V, depending on the battery state of charge and estimated battery temperature.

FUEL ECONOMY MODE
The BCM will enter Fuel Economy Mode when the ambient air temperature is at least 0° C (32° F) but less than or equal to 80° C (176° F), the calculated battery current is greater than -8 A but less than 5 A, and the battery state of charge is greater than or equal to 85 percent. Its targeted 14V Power Module set-point voltage is the open circuit voltage of the battery and can be between 12.6-13.2 V. The BCM will exit this mode and enter Normal Mode when any of the conditions described above are present.

HEADLAMP MODE
The BCM will enter Voltage Reduction Mode when the calculated battery temperature is above 0° C (32° F) and the calculated battery current is greater than -7 A but less than 1 A. Its targeted 14V Power Module set-point voltage is 12.9-13.2 V. The BCM will exit this mode once the criteria are met for Normal Mode.

BATTERY MAINTENANCE MODE
That battery maintenance mode is designed to ensure the 12V battery has a good state of charge. It accomplishes this by checking the voltage of the 12V battery and providing a charge if needed.
When the vehicle cord is plugged in The Hybrid/EV Powertrain control module (HPCM2) will check the 12V battery every 6 hours if the ignition is off. If the voltage is below a temperature dependent threshold ranging from 12.1 (cold) to 12.4 (warm)V, the Hybrid/EV Powertrain control module (HPCM2) will send the voltage set point to the engine control module (ECM). The engine control module (ECM) will send this to the 14V Power Module. Battery maintenance mode will charge the battery for 2-3 hours. If the Ignition is ON, the APM will cycle on as needed to maintain the 12V SOC.

WHEN THE VEHICLE CORD IS NOT PLUGGED IN
The Hybrid/EV Powertrain control module (HPCM2) will check the 12V battery every 4 days (2.5 to 3 days) and if the voltage is below a threshold of 12.0 may activate battery maintenance. If the high voltage battery state of charge is greater than 40% and the propulsion system is not active, Hybrid/EV Powertrain control module (HPCM2) will send the voltage set point to the engine control module (ECM). The engine control module (ECM) will send this to the 14V Power Module. Battery maintenance mode will charge the battery for 45-90 minutes ..

PLANT ASSEMBLY MODE
The BCM will increase charging voltage for the first 500 miles of operation in an effort to ensure that the 12 V battery is fully charged when the vehicle is delivered to the customer.

ELECTRICAL POWER MANAGEMENT OVERVIEW

The electrical power management system is designed to monitor and control the charging system and send diagnostic messages to alert the driver of possible problems. This electrical power management system primarily utilizes existing on-board computer capability to maximize the effectiveness of the charging system, manage the load, improve battery state of charge and life, and minimize the system's impact on fuel economy. The electrical power management system performs 3 functions:

- It monitors the battery voltage and estimates the battery condition.
- It takes corrective actions by adjusting the regulated voltage.
- It performs diagnostics and driver notification.

The battery condition is estimated during Vehicle OFF and during Vehicle in Service Mode. During Vehicle OFF the state of charge of the battery is determined by measuring the open-circuit voltage. The state of charge is a function of the acid concentration and the internal resistance of the battery, and is estimated by reading the battery open circuit voltage when the battery has been at rest for several hours.
The state of charge can be used as a diagnostic tool to tell the customer or the dealer the condition of the battery. During Vehicle ON mode, the algorithm continuously estimates state of charge based on adjusted net amp hours, battery capacity, initial state of charge, and temperature.
While running, the battery degree of discharge is primarily determined by a battery current sensor, which is integrated to obtain net amp hours.
In addition, the electrical power management function is designed to perform regulated voltage control to improve battery state of charge, battery life, and fuel economy. This is accomplished by using knowledge of the battery state of charge and temperature to set the charging voltage to an optimum battery voltage level for recharging without detriment to battery life.

INSTRUMENT PANEL CLUSTER OPERATION

Charge Indicator Operation
The instrument panel cluster illuminates the charge indicator and displays a charging system warning message in the driver information center when the one or more of the following occurs:

- The engine control module (ECM) detects system voltage less than 11 V or greater than 16 V. The instrument panel cluster receives a GMLAN message from the ECM requesting illumination.
- The BCM determines that the system voltage is less than 11 V or greater than 16 V.
- The instrument panel cluster receives a GMLAN message from the BCM indicating there is a system voltage range concern.
- The instrument panel cluster performs the displays test at the start of each Vehicle ON cycle. The indicator illuminates for approximately 3 seconds.
- Vehicle ON, with the engine OFF.

BATTERY VOLTAGE GAUGE OPERATION

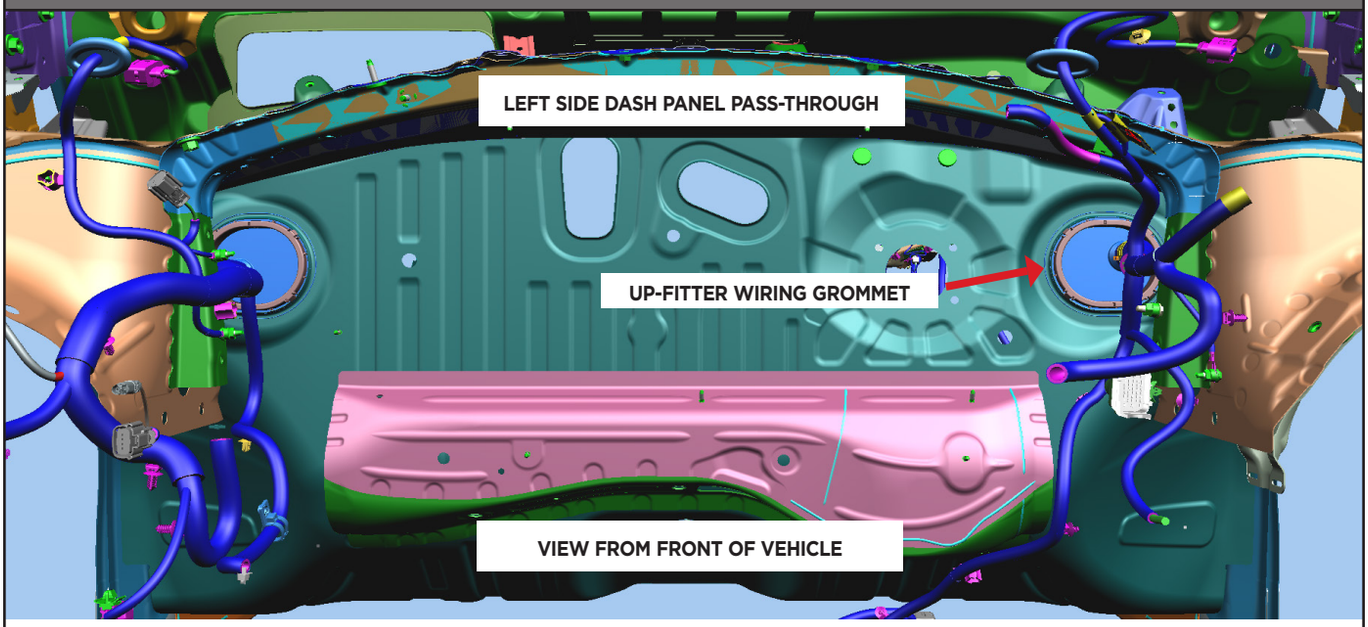
The instrument panel cluster displays the system voltage as received from the BCM over the GM LAN serial data circuit. If there is no communication with the BCM then the gauge will indicate minimum.

This vehicle is equipped with a regulated voltage control system. This will cause the voltmeter to fluctuate between 12-14 V, as opposed to non-regulated systems which usually maintain a more consistent reading of 14 V. This fluctuation with the regulated voltage control system is normal system operation and NO repairs should be attempted.

SERVICE BATTERY CHARGING SYSTEM

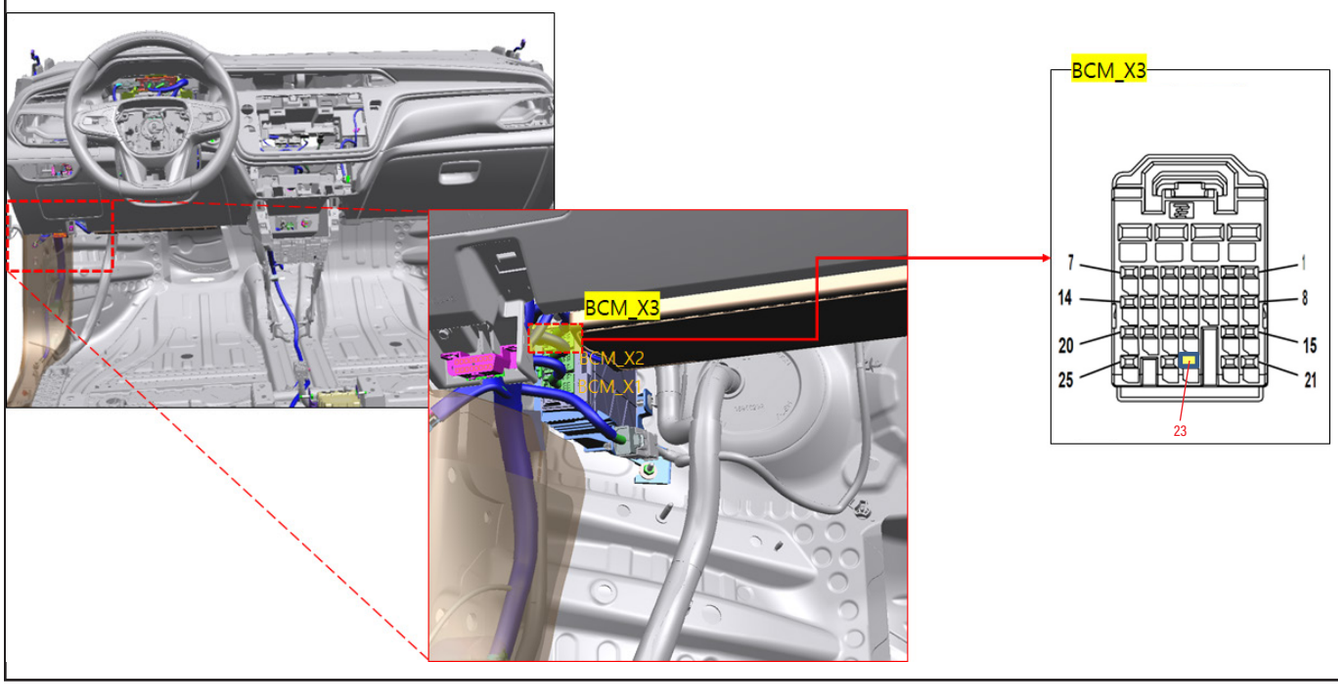
The BCM and the ECM will send a GMLAN message to the driver information center for the SERVICE BATTERY CHARGING SYSTEM message to be displayed. It is displayed whenever the charge indicator is commanded ON due to a failure.

ROUTING GROMMETS

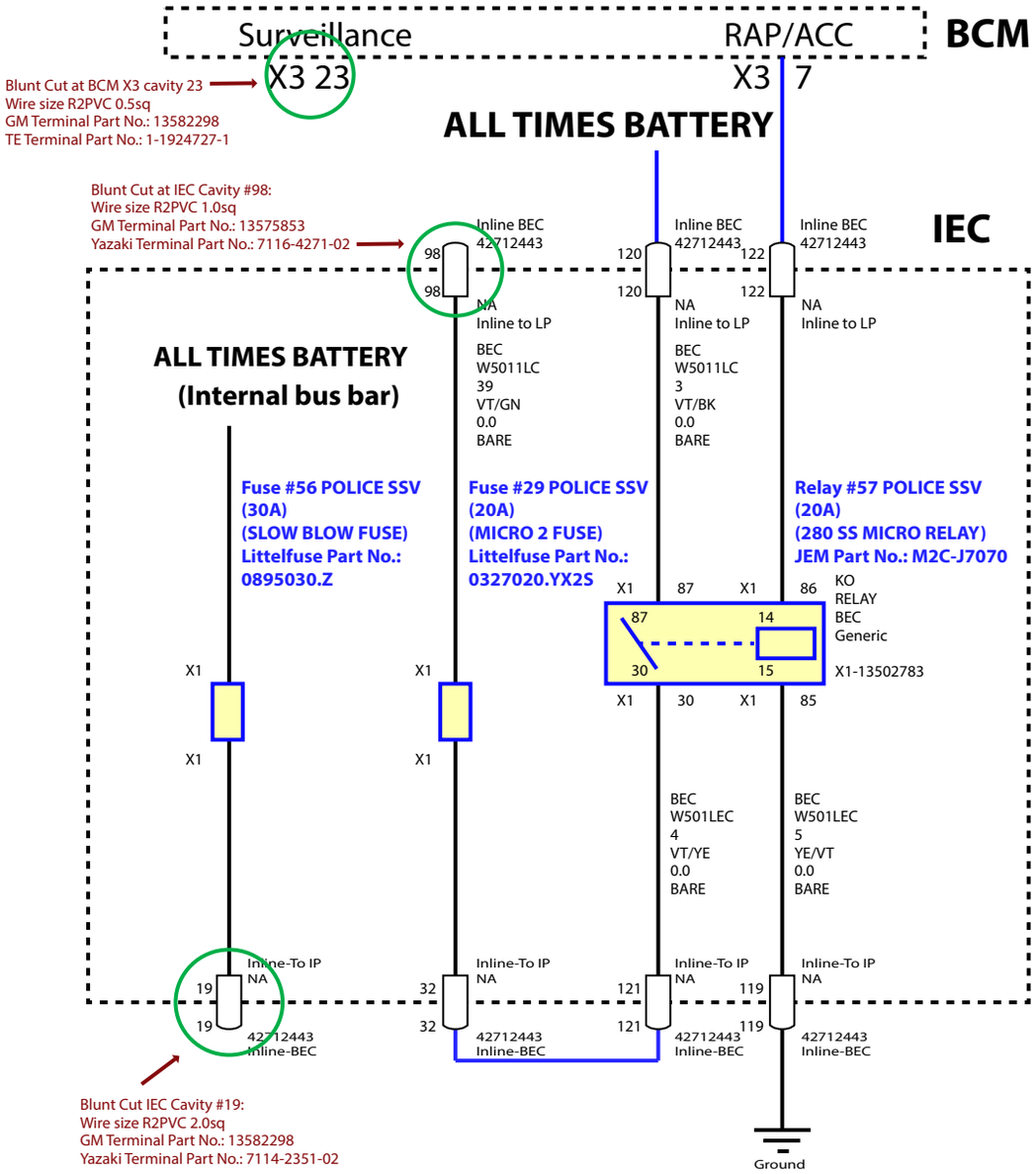


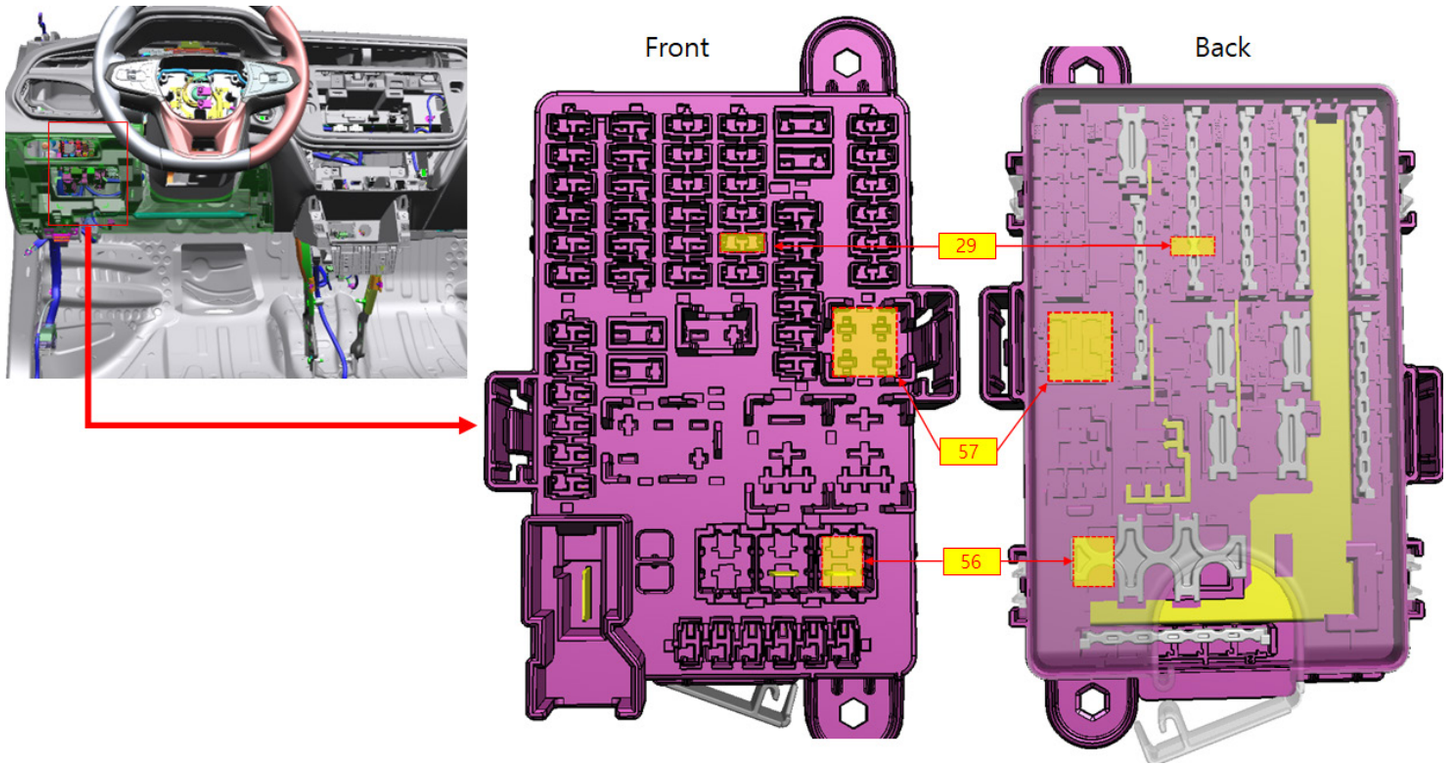
Provides pass-through for a small number of wires and is located at the driver side of the front of dash1. Carefully remove or puncture only the portion required for the passage of upfitter wires and silicone seal around the wires after installation. Note that a vehicle harness is passing through the grommets and care must be taken to avoid damaging these harnesses especially in the instrument panel interior.

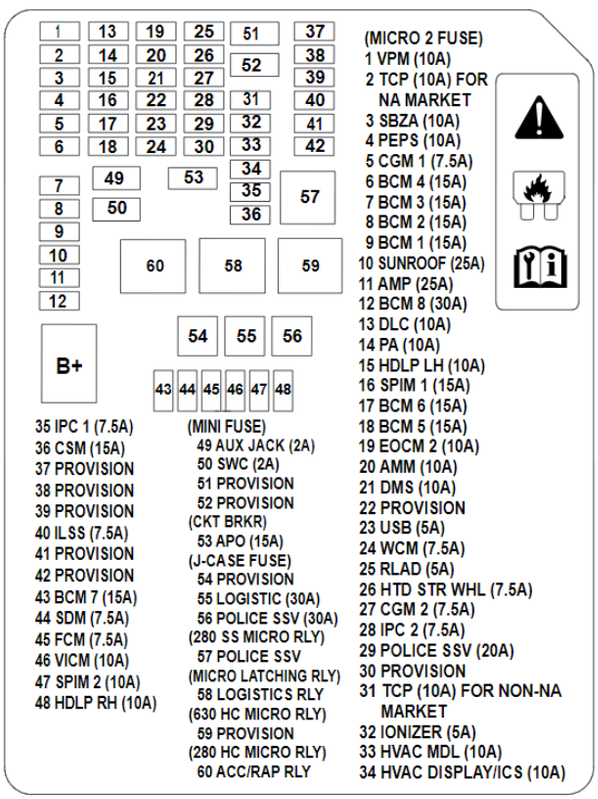
BCM CONNECTOR LOCATION

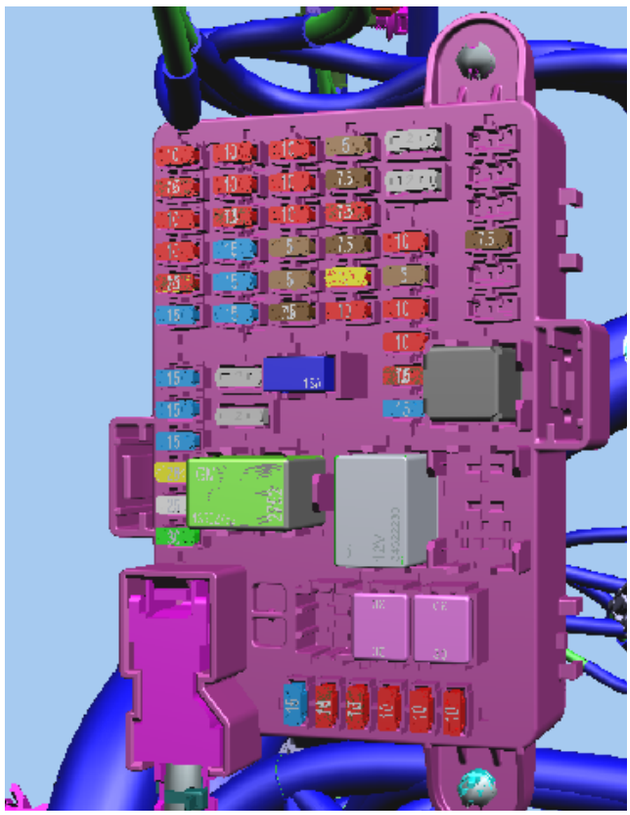


12 VOLT POWER SOURCE FOR UPFITTERS

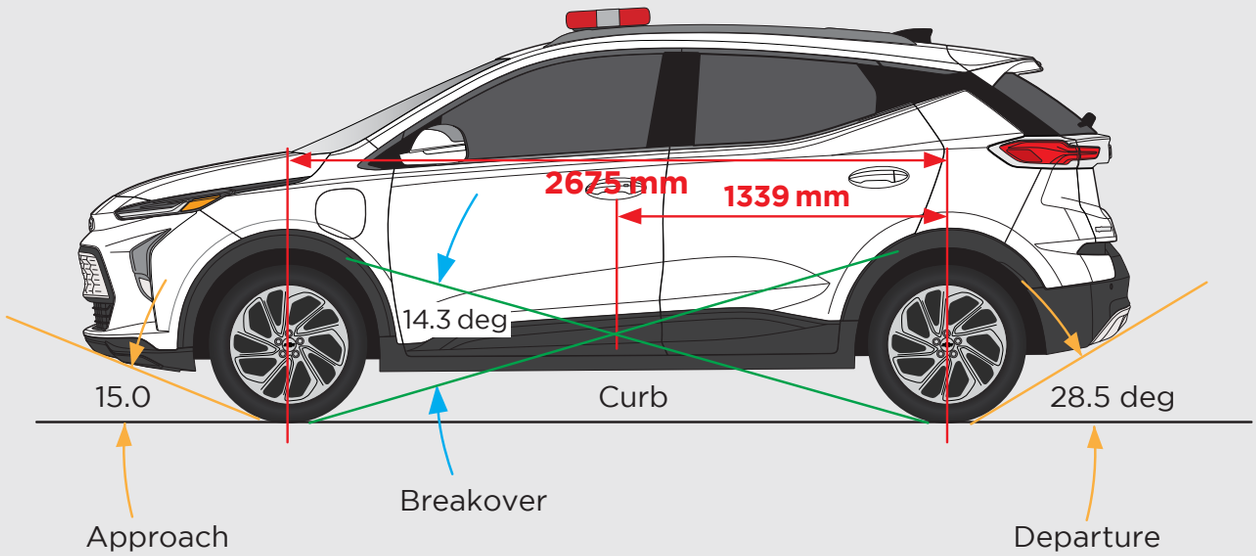



Front
Back
29
57
56

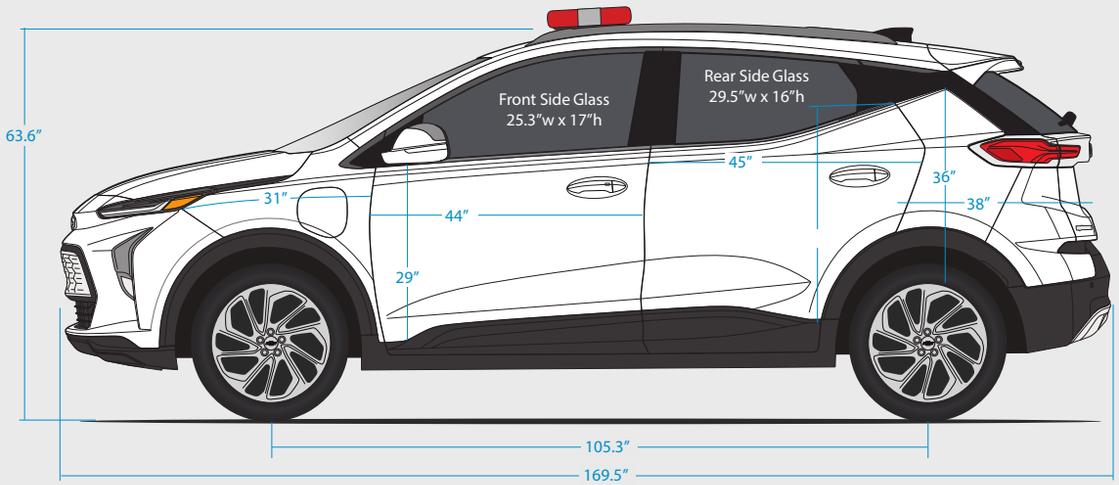

1 13 19 25 51 37
2 14 20 26 52 38
3 15 21 27 39
4 16 22 28 31 40
5 17 23 29 32 41
6 18 24 30 33 42
7 49 53 34
8 50 35 57
9 36
10
11
12
60 58 59
54 55 56
B+
43 44 45 46 47 48
35 IPC 1 (7.5A)
36 CSM (15A)
37 PROVISION
38 PROVISION
39 PROVISION
40 ILSS (7.5A)
41 PROVISION
42 PROVISION
43 BCM 7 (15A)
44 SDM (7.5A)
45 FCM (7.5A)
46 VICM (10A)
47 SPIM 2 (10A)
48 HDLP RH (10A)
(MINI FUSE)
49 AUX JACK (2A)
50 SWC (2A)
51 PROVISION
52 PROVISION
(CKT BRKR)
53 APO (15A)
(J-CASE FUSE)
54 PROVISION
55 LOGISTIC (30A)
56 POLICE SSV (30A)
(280 SS MICRO RLY)
57 POLICE SSV
(MICRO LATCHING RLY)
58 LOGISTICS RLY
(630 HC MICRO RLY)
59 PROVISION
(280 HC MICRO RLY)
60 ACC/RAP RLY
(MICRO 2 FUSE)
1 VPM (10A)
2 TCP (10A) FOR NA MARKET
3 SBZA (10A)
4 PEPS (10A)
5 CGM 1 (7.5A)
6 BCM 4 (15A)
7 BCM 3 (15A)
8 BCM 2 (15A)
9 BCM 1 (15A)
10 SUNROOF (25A)
11 AMP (25A)
12 BCM 8 (30A)
13 DLC (10A)
14 PA (10A)
15 HDLP LH (10A)
16 SPIM 1 (15A)
17 BCM 6 (15A)
18 BCM 5 (15A)
19 EOCM 2 (10A)
20 AMM (10A)
21 DMS (10A)
22 PROVISION
23 USB (5A)
24 WCM (7.5A)
25 RLAD (5A)
26 HTD STR WHL (7.5A)
27 CGM 2 (7.5A)
28 IPC 2 (7.5A)
29 POLICE SSV (20A)
30 PROVISION
31 TCP (10A) FOR NON-NA MARKET
32 IONIZER (5A)
33 HVAC MDL (10A)
34 HVAC DISPLAY/ICS (10A)

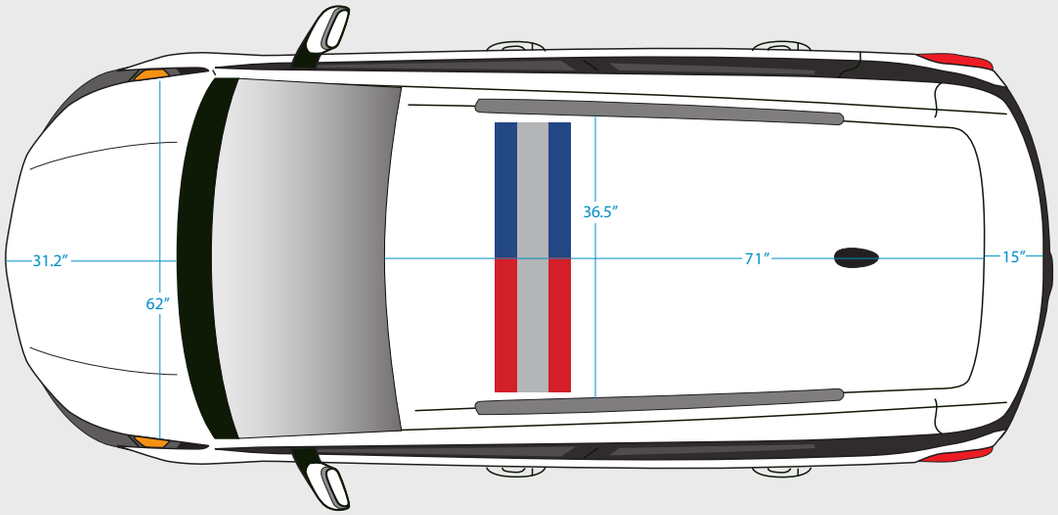


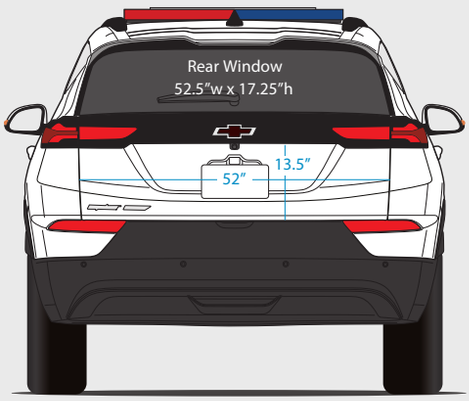
APPROACH AND DEPARTURE ANGLES



DIMENSIONS







Estimated material sizes to wrap:

- Hood - 38" x 63"
- Front Doors - 30" x 44.5"
- Rear Doors - 38" x 46"
- Roof - 188" x 46"
- Front Clip - 36" x 97.5"
- Rear Clip - 36" x 116"
- Front Quarter - 37" x 31"
- Rear Quarter - 36" x 38"

VEHICLE TOUCH SCREEN SETTINGS

VEHICLE PERSONALIZATION MENU

The Personalization Menu is accessed by:

Touching the radio screen to display the HOME PAGE

Touch the SETTINGS icon and then

Touch VEHICLE to display the features

Select from the available features listed to change the item setting.

Important features in the Menu that can be changed are:

Rear Seat Reminder[1]

Climate and Air Quality

Collision Detection

Comfort and Convenience

Lighting

Power Locks

Remote Lock, Unlock and Start

Teen Driver

Valet Mode

See the Owner's Manual for a complete Vehicle Personalization Menu listing of items that may be available for your vehicle.

1. Does not detect people or items. Always check rear seat before exiting.

STANDARD FEATURES

PUSH/PULL-BUTTON ELECTRONIC SHIFT AND ONE PEDAL DRIVE

This vehicle is equipped with an electronic transmission. The shift switches are designed to prevent inadvertent shifting out of Park (P) unless the ignition is on and the brake pedal is applied. Push/Pull-to-shift transmission technology is intuitive to use, with pull switches for Drive (D) and Reverse (R) and push switches for Park (P), and Neutral (N). Note: While in Accessory power mode with the brake pedal pressed the vehicle can be shifted only into Neutral (N) from Park (P).

Below the Drive (D) switch is the One-Pedal Driving[1] button (see above). With One-Pedal Driving[1], the accelerator pedal is used to control the deceleration of the vehicle. One-pedal Driving[1] allows a driver to bring a vehicle to a complete stop without using the brake pedal. One-Pedal Driving[1] can be enabled in Drive (D) or Reverse (R) at any speed by pressing the One-Pedal Driving[1] button. Pressing the One-Pedal Driving[1] button again will disable the feature.

Push/Pull-Button Electronic Shift also enables features previously not possible with a mechanical shift. These include a back-up to the driver selecting Park (P) and should not be used as the primary method of achieving Park (P). If the vehicle is stopped, in Drive (D) or Reverse (R) and the ENGINE START/STOP button is pressed, the vehicle will turn off and shift to Park (P) automatically. The vehicle will remain in Neutral (N) if this same procedure is done while the vehicle is in Neutral (N). If the vehicle is sitting, or rolling slowly in Drive (D), Reverse (R), or Neutral (N), and the driver exits the vehicle by unbuckling their seatbelt, releasing the brake pedal and opening the driver's door the vehicle will stop, set the parking brake and shift to Park (P). If the door is opened above 3 MPH, the vehicle will not automatically shift to Park (P) when the driver exits. To drive the vehicle at low speeds with the door open, open the door while the vehicle is in Park (P) and select Drive (D) or Reverse (R). This disables the auto-park feature until the door is closed and then re-opened.

The vehicle will not shift into Park (P) if it is moving too fast. Shift into Park (P) by bringing the vehicle to a stop and pressing the Park (P) button. Also, selecting Park (P) while rolling at low speeds will invoke automatic braking to a stop, before shifting to Park (P). The vehicle will automatically brake, come to a stop and shift into Park (P) if Park (P) is selected at low speeds. See Owner's Manual for more information.

1. Feature may be limited when the battery temperatures are extremely cold or hot or when battery is near full charge. Always use the brake pedal when you need to stop immediately. See Owner's Manual for details.

STANDARD SAFETY FEATURES

HD REAR VISION CAMERA

1. View Displayed by the Camera in Radio Screen
2. Corners of the Rear Bumper

Displayed images may be farther or closer than they appear. The area displayed is limited and objects that are close to either corner of the bumper or under the bumper do not display.

The camera(s) do not display children, pedestrians, bicyclists, crossing traffic, animals, or any other object outside of the cameras' field of view, below the bumper, or under the vehicle. Shown distances may be different from actual distances. Do not drive or park the vehicle using only these camera(s). Always check behind and around the vehicle before driving. Failure to use proper care may result in injury, death, or vehicle damage.

Note: Safety or driver assistance features are no substitute for the driver's responsibility to operate the vehicle in a safe manner. The driver should remain attentive to traffic surroundings and road conditions at all times. Visibility, weather and road conditions may affect feature performance. Read the Owner's Manual for more important limitations and information.

STABILITRAK CONTROL

The vehicle has a Traction Control System (TCS) and StabiliTrak/Electronic Stability Control (ESC), an electronic stability control system. These systems help limit wheel slip and assist the driver in maintaining control, especially on slippery road conditions.

TCS activates if it senses that any of the drive wheels are spinning or beginning to lose traction. When this happens, TCS applies the brakes to the spinning wheels and reduces propulsion system power to limit wheel spin.

StabiliTrak/ESC activates when the vehicle senses a difference between the intended path and the direction the vehicle is actually traveling. StabiliTrak/ESC selectively applies braking pressure to any one of the vehicle wheel brakes to assist the driver in keeping the vehicle on the intended path.

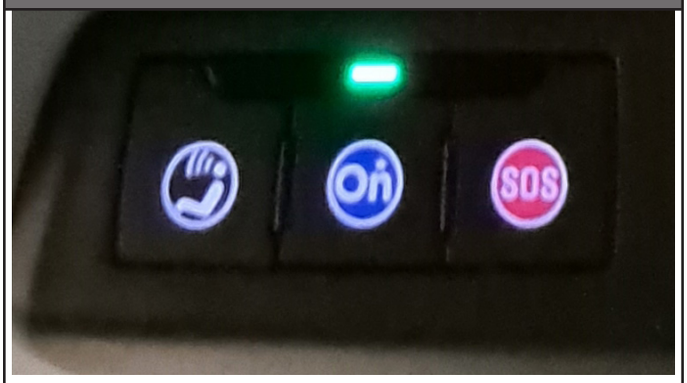
If TCS is limiting wheel spin when g is pressed, the system will not turn off until the wheels stop spinning.

If cruise control is being used and TCS or StabiliTrak/ESC begins to limit wheel spin, cruise control will disengage. Cruise control may be turned back on when road conditions allow.

Both systems come on automatically when the vehicle is started and begins to move. The systems may be heard or felt while they are operating or while performing diagnostic checks. This is normal and does not mean there is a problem with the vehicle.

It is recommended to leave both systems on for normal driving conditions, but it may be necessary to turn TCS off if the vehicle gets stuck in sand, mud, ice, or snow. See "Turning the Systems Off and On" later in this section.

OnStar®



Voice Command Button

Blue OnStar® Button

Emergency Button

This vehicle is equipped with a comprehensive, in-vehicle system that can connect to a live OnStar® Advisor for Emergency, Security, Navigation, Connection, and Diagnostic Services. OnStar® services may require a paid subscription. OnStar® requires the vehicle battery and electrical system, cellular service, and GPS satellite signals to be available and operating. OnStar® acts as a link to existing public emergency service providers. OnStar® may collect information about you and your vehicle, including location information. See OnStar®'s Terms and Conditions and Privacy Statement for more details including system limitations at www.OnStar.com (U.S.) or www.OnStar®.ca (Canada). The OnStar® system status light is next to the OnStar® buttons. If the status light is:

- Solid Green: System is on.
- Flashing Green: On a call.
- Red: Indicates a problem.
- Off: System is off. Press the blue OnStar® button twice to speak with an OnStar® Advisor.

Press or call 1-888-4-ONSTAR (1-888-466-7827) to speak to an Advisor.

Press to:

- Make a call, end a call, or answer an incoming call.
- Give OnStar® Hands-Free Calling voice commands.

NOTE: Do not activate OnStar® if you have no plans on using this feature

CHEVY SAFETY ASSIST

UEU FORWARD COLLISION ALERT

The Forward Collision Alert (FCA) system may help to avoid or reduce the harm caused by front-end crashes. with detected vehicle being followed. When approaching a vehicle ahead too quickly, FCA provides a red flashing alert on the windshield and rapidly beeps. FCA also lights an amber visual alert if following another vehicle much too closely. FCA detects vehicles within a distance of approximately 60m (197 ft) and operates at speeds above 8 km/h (5 mph).

Warning FCA is a warning system and does not apply the brakes. When approaching a slower-moving or stopped vehicle ahead too rapidly, or when following a vehicle too closely, FCA may not provide a warning with enough time to help avoid a crash. It also may not provide any warning at all. FCA does not warn of pedestrians, animals, signs, guardrails, bridges, construction barrels, or other objects. Be ready to take action and apply the brakes. FCA can be disabled with either the FCA steering wheel control or, if equipped, through vehicle personalization.

Detecting the Vehicle Ahead FCA warnings will not occur unless the FCA system detects a vehicle ahead. When a vehicle is detected, the vehicle ahead indicator will display green. Vehicles may not be detected on curves, highway exit ramps, or hills, due to poor visibility; or if a vehicle ahead is partially blocked by pedestrians or other objects. FCA will not detect another vehicle ahead until it is completely in the driving lane.

FCA does not provide a warning to help avoid a crash, unless it detects a vehicle. FCA may not detect a vehicle ahead if the FCA sensor is blocked by dirt, snow, or ice, or if the windshield is damaged. It may also not detect a vehicle on winding or hilly roads, or in conditions that can limit visibility such as fog, rain, or snow, or if the headlamps or windshield are not cleaned or in proper condition. Keep the windshield, headlamps, and FCA sensors clean and in good repair.

UE4 FOLLOWING DISTANCE INDICATOR

The following distance to a detected moving vehicle ahead in your path is indicated in following time in seconds on the Driver Information Center (DIC). The minimum following time is 0.5 seconds away. If there is no vehicle detected ahead, or the vehicle ahead is out of sensor range, dashes will be displayed.

UHY AUTOMATIC EMERGENCY BRAKING

The brakes may be applied automatically in potential collision situations to help reduce damage or help avoid collisions with vehicles directly ahead.

When the system detects a vehicle ahead in your path that is traveling in the same direction that you may be about to crash into, it can provide a boost to braking or automatically brake the vehicle. This can help avoid or lessen the severity of crashes when driving in a forward gear. Depending on the situation, the vehicle may automatically brake moderately or hard. This forward automatic braking can only occur if a vehicle is detected. This is shown by the Forward Collision Alert. This feature works at speeds below 50 mph.

To set the Automatic Emergency Braking and Forward Collision Alert systems to Alert and Brake, Alert, or Off, go to Settilngs> Vehicle> Collision/Detection Systems> Forward Collision System.

UHX LANE KEEP ASSIST WITH LANE DEPARTURE WARNING

Lane Keep Assist (LKA) may help avoid crashes due to unintentional lane departures. It may also provide a Lane Departure Warning (LDW) system alert as the lane marking is crossed. The LKA system will not assist or provide an LDW alert if it detects that you are actively leaving your lane. Override LKA by turning the steering wheel. LKA uses a camera to detect lane markings between 60 km/h (37 mph) and 180 km/h (112 mph).

How the System Works The LKA camera sensor is on the Windshield. To turn LKA on and off, press to the left of the steering wheel. When on, is green if LKA is available to assist and provide LDW alerts. It may assist by gently turning the steering wheel and display as amber if the vehicle approaches a detected lane marking without using a turn signal in that direction. It may also provide an LDW alert by flashing amber as the lane marking is crossed. Additionally, there may be three beeps,

Take Steering The LKA system does not continuously steer the vehicle. If LKA does not detect active driver steering, an alert, chime, or DIC message may be provided. Steer the vehicle to dismiss.

TQ5 INTELLIBEAM

Auto high beam.

UKJ FRONT PEDESTRIAN BRAKING

The Front Pedestrian Braking (FPB) system may help avoid or reduce the harm caused by front-end crashes with nearby pedestrians when driving in a forward gear. FPB displays an amber indicator, when a nearby pedestrian is detected ahead. When approaching a detected pedestrian too quickly, FPB provides a red flashing alert on the windshield and rapidly beeps. FPB can provide a boost to braking or automatically brake the vehicle.

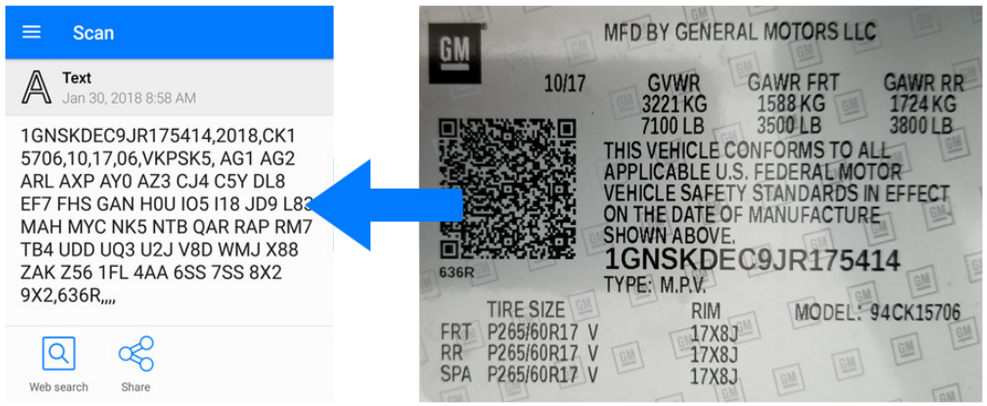
The FPB system can detect and alert to pedestrians in a forward gear at speeds between 8 km/h (5 mph) and 80 km/h (50 mph). During daytime driving, the system detects pedestrians up to a distance of approximately 40 m (131 ft). during nighttime or low visibility conditions, system performance is very limited.

Safety or driver assistance features are no substitute for the driver's responsibility to operate the vehicle in a safe manner. The driver should remain attentive to traffic, surroundings and road conditions at all times. Visibility, weather, and road conditions may affect feature performance. Read the vehicle's owner's manual for more important feature limitations and information.

STANDARD MECHANICAL FEATURES

SERVICE PARTS IDENTIFICATION LABEL

SPID Label Content Now Included with Certification Label. The Service Parts Identification (SPID) label, often located in the trunk or glovebox of a vehicle, lists a vehicle's VIN, RPO codes and other information that identify the content of the vehicle. Beginning with the 2018 model year, much of this information will be available through a QR code on the Certification label.



Software to read the QR code is commonly available for any Android, iPhone or Windows smartphone. Many basic applications can be downloaded for free. Tested QR code readers that are easy to use include NeoReader by NM LLC, inigma by 3GVision, QR Scanner by Honestly App, QR Droid by DroidLa and Bar-Code by PW2. GM does not recommended any particular software. Once the QR code is scanned, the vehicle information will appear in the following order: VIN, Model Year, Model, Build Month, Year, Engineering Book, Vehicle Order Number, 3 Digit RPO Codes sorted alphanumerically, and the Paint Code (same code appears in the lower left of the QR code).

STANDARD MECHANICAL FEATURES

STANDARD TIRE AND WHEEL

Bright Silver Painted Aluminum Wheels

STANDARD ENTRY & IGNITION

KEYLESS ACCESS

The remote key must be within 3 ft (1 m) of the liftgate or door being opened or locked. Press the button on the door handle to open.

KEYLESS START

If key fob not detected, from low fob battery, or radio interference, hold key to start button to start

REMOTE KEYLESS ENTRY

The Keyless Access system allows for the vehicle entry when the remote is within 3 ft (1 m)

The mechanical key inside the remote key is used for the driver door.

To remove the mechanical key press the button on the side of the remote key near the bottom and pull the mechanical key out. Never pull the mechanical key out without pressing the button.

STANDARD ELECTRICAL FEATURES

OVERHEAD DOME LAMPS

There are dome lamps in the overhead console and the headliner.
To change the dome lamp settings, activate the following:
- Press OFF to tum off the dome lamps when a door is open.

1. GM is not responsible for the safety or quality of design features, materials or workmanship of any alterations by third parties.

OnStar ASSURANCE

EMERGENCY SERVICES[1] With Emergency Services†, if a driver has a medical emergency on the road, pushing the red Emergency button connects them to an OnStar® Emergency-Certified Advisor who can provide crucial medical assistance until First Responders arrive.

STOLEN VEHICLE ASSISTANCE[2] With Stolen Vehicle Assistance†,once law enforcement confirms one of your vehicles has been stolen, OnStar Advisors are ready to help authorities recover it quicker and safer. Remote Ignition Block™: A remote signal that blocks the engine from restarting once it's turned off. Stolen Vehicle Slowdown®: After police confirm conditions are appropriate, OnStar can send a signal to gradually slow the vehicle's speed to help the authorities apprehend the thief and recover the vehicle.

AUTOMATIC CRASH RESPONSE[3] Automatic Crash Response† can use built-in sensors to automatically alert an OnStar Emergency-Certified Advisor of a collision. The Advisor can use GPS technology to locate the driver's vehicle and send for help — even when the driver can't ask for it. Injury Severity Prediction: Data collected at impact can help predict the likelihood of severe injuries. Crash data can help OnStar Advisors inform First Responders about the situation, so your drivers receive the help they need.

ONSTAR ASSURANCE RPO CODES

RPO	CODE DESCRIPTION	TOTAL MONTHS COVERED WITH 3 TRIAL MONTHS OF SAFETY & SECURITY	MODEL YEAR	REQUIREMENTS	RESTRICTIONS
P1R	OnStar Assurance 1-Year Coverage	12	2023	Requires (UE1) OnStar.	Not available with P1S, P1T, P1U, R7Z, R8K, R8T
P1S	OnStar Assurance 2-Years Coverage	24	2023	Requires (UE1) OnStar.	Not available with P1R, P1T, P1U, R7Z, R8K, R8T
P1T	OnStar Assurance 3-Years Coverage	36	2023	Requires (UE1) OnStar.	Not available with P1R, P1S, P1U, R7Z, R8K, R8T
P1U	OnStar Assurance 4-Years Coverage	48	2023	Requires (UE1) OnStar.	Not available with P1R, P1S, P1T, R7Z, R8K, R8T
R7Z	OnStar Assurance 5-Years Coverage	60	2023	Requires (UE1) OnStar.	Not available with P1R, P1S, P1T, P1U, R8K, R8T

OnStar VEHICLE INSIGHTS™

Keep track of your daily operations and get the information you need to make better, more informed decisions with OnStar Vehicle Insights†

DRIVER PERFORMANCE INSIGHTS Provides owners and managers with driver information and real-time alerts. Facets of driver data† are collected and organized from sudden acceleration and hard braking, speed violations, how long vehicles remain in locations and notifications when it crosses a customizable bounty that can be as small as a parking lot or as large as a country**.**

TRIP SUMMARIES Record and reference trip histories across your fleet and find efficiencies in your routing. Consider more than traffic and keep track of how your fleet moves over time.

VEHICLE LOCATION AND DIAGNOSTICS Vehicle Location† And Diagnostics† lets you see your fleet move in real-time and get alerts on things like oil life, fuel efficiency and preventative maintenance schedules to avoid costly downtime.

ONSTAR VEHICLE INSIGHTS RPO CODES

RPO	CODE DESCRIPTION	TOTAL MONTHS COVERED	MODEL YEAR	REQUIREMENTS	RESTRICTIONS
P0V	OnStar Vehicle Insights 1-Year Service	12	2023	Requires (UE1) OnStar.	Not available with P0W, P0X, P0Y, P0Z, R8K, R8T
P0W	OnStar Vehicle Insights 2-Year Service	24	2023	Requires (UE1) OnStar	Not available with P0V, P0X, P0Y, P0Z, R8K, R8T
P0X	OnStar Vehicle Insights 3-Year Service	36	2023	Requires (UE1) OnStar.	Not available with P0V, P0W, P0Y, P0Z, R8K, R8T
P0Y	OnStar Vehicle Insights 4-Year Service	48	2023	Requires (UE1) OnStar.	Not available with P0V, P0W, P0X, P0Z, R8K, R8T
P0Z	OnStar Vehicle Insights 5-Year Service	60	2023	Requires (UE1) OnStar.	Not available with P0V, P0W, P0X, P0Y, R8K, R8T

1. OnStar plan, working electrical system, cell reception and GPS signal required. OnStar links to emergency services. See onstar.com /BusinessSolutions for details and limitations. **2** Requires paid plan, working electrical system, cell reception, GPS signal, armed GM factory-installed theft-deterrent system, contact method on file and enrollment to receive alerts. Additional messaging and data rates may apply. Services are intended to assist with vehicle recovery and do not prevent theft or protect against damage or loss. See OnStar.com/BusinessSolutions for details and limitations. **3.** OnStar plan, working electrical system, cell reception and GPS signal required. OnStar links to emergency services. Not all vehicles may transmit all crash data. See OnStar.com/BusinessSolutions for details and limitations.† Terms Apply. Available on select properly equipped 2015 model year and newer GM vehicles (excludes Volt, Low Cab Forward Trucks and GM vehicles built without OnStar Hardware, which includes but is not limited to select base Chevrolet and GMC trucks). Requires an active connected vehicle services plan. Fees, services, and availability subject to change without notice. Applicable taxes not included. Does not include emergency or security services. Diagnostics capabilities vary by vehicle model. Not all issues will deliver alerts. See onstarvehicleinsights.com for details and limitations.

DRIVER REMOTE ACCESS

Provides your department with streamlined diagnostic insights, directions and the ability to use the vehicle mobile app as a key fob on their smart phone.

Remote Commands† puts the power of the key fob on your smartphone. Drivers can remotely start and stop the engine, control the locks†, and activate the horn and lights using the vehicle mobile app if properly equipped.

Directions On The Go† sends directions to your in-vehicle navigation system from the mobile app of properly equipped vehicles.

Provides drivers with information about select vehicle systems. Get alerts for tire pressure, oil life, fuel level and more through the vehicle mobile app if properly equipped.

ONSTAR VEHICLE INSIGHTS RPO CODES

RPO	CODE DESCRIPTION	TOTAL MONTHS COVERED WITH 3 TRIAL MONTHS OF SAFETY & SECURITY	MODEL YEAR	REQUIREMENTS	RESTRICTIONS
P0M	OnStar Assurance 2-Years Coverage	24	2023	Requires (UE1) OnStar.	Not available with P1R, P1T, P1U, R7Z, R8K, R8T
P0N	OnStar Assurance 3-Years Coverage	36	2023	Requires (UE1) OnStar.	Not available with P1R, P1S, P1U, R7Z, R8K, R8T
P0O	OnStar Assurance 4-Years Coverage	48	2023	Requires (UE1) OnStar.	Not available with P1R, P1S, P1T, R7Z, R8K, R8T

1. Driver Remote Access Plan does not include emergency or security services. See OnStar.com/BusinessSolutions for details and limitations. Diagnostic capabilities vary by model and plan. Message and data rates may apply. Requires contact method on file and enrollment to receive alerts. Not all issues will deliver alerts. Tire pressure monitoring available on properly equipped vehicles. Does not monitor spare tire. Lock/unlock feature requires automatic locks. Remote start requires GM factory-installed and enabled remote start system. Mobile app Turn-by-Turn Navigation is subject to limitations and varies by vehicle model and connected device. Device data connection required. Map coverage available in the U.S., Puerto Rico and Canada.

VEHICLE LOAD LIMITS

This information is intended for those who intend to install additional equipment on the vehicle after it has left the factory, and for those who will be driving and loading the vehicle with passengers and/or cargo. Two labels on your vehicle show how much weight it was designed to carry, the Tire and Loading Information label and the Certification/Tire label. These labels are attached to your vehicle and give you the maximum load capacity, the Gross Vehicle Weight Rating (GVWR) and the Gross Axle Weight Rating (GAWR) for your vehicle. See "Vehicle Load Limits" in the owner manual Index for additional loading information.

The following guidelines can help you with proper loading and load distribution when installing additional equipment on the Bolt EUV SSV.

WARNING

DO NOT LOAD THE VEHICLE ANY HEAVIER THAN THE GROSS VEHICLE WEIGHT RATING (GVWR), NOR EITHER THE MAXIMUM FRONT OR REAR GROSS AXLE WEIGHT RATING (GAWR). THIS CAN CAUSE SYSTEMS TO BREAK AND CHANGE THE WAY THE VEHICLE HANDLES. THIS COULD CAUSE LOSS OF CONTROL AND A CRASH. OVERLOADING CAN ALSO SHORTEN THE LIFE OF THE VEHICLE.

ADDING EQUIPMENT TO YOUR VEHICLE

Before adding accessories or equipment to your vehicle, there are some things you need to know

- The vehicle's maximum capacity weight (payload). The weight of your vehicle without a driver and passengers.
- The weight of items you plan on adding to your vehicle, like roof mounted light bar(s), push bumpers, security barrier(s), rear storage organizer, highway flares, fire extinguishers, weapons, ammunition, radios, and video equipment.
- The weight and number of passengers you intend to carry in your vehicle.
- The total weight of any additional cargo you intend to carry in your vehicle.

When planning your vehicle equipment installation remember not to exceed the Gross Vehicle Weight Rating (GVWR) or the Gross Axle Weight Rating (GAWR) of the front or rear axles. To keep the available load weight less than the vehicle capacity weight, you may need to limit the number of passengers you carry in your vehicle or change your choice of additional equipment. Towing a trailer may change the vehicle payload capacity.

CENTER OF GRAVITY (CG)

A vehicle's center of gravity is an imaginary location inside the vehicle and is a balance point for the vehicle mass as it moves down the road. The vehicle's center of gravity, before you add a load and passengers, is approximately midway between the center of the axles, up from the ground to just below the front window, and between the driver and passenger. Equipment location and weight on the vehicle's center of gravity is important to keep in mind when planning an installation. Heavy equipment should be positioned as low and as far forward in the rear load compartment as possible. Try to mount the equipment below the bottom of the side windows. Refer to the Loading Zone chart and diagram to help with your installation plan.

A procedure to make the necessary measurements and formulas to calculate the vehicle longitudinal, lateral and vertical position of the center of gravity can be found in the GM Coachbuilders Manual.

Equipment required to conduct the measurements for calculating the center of gravity are:

- Weight scales of sufficient capacity to measure the vehicle weight at each wheel.
- A post type hoist or other means to safely elevate the front of the vehicle to at least an angle of 20 degrees above horizontal.

See your GM dealer to get more information about this coachbuilder procedure.

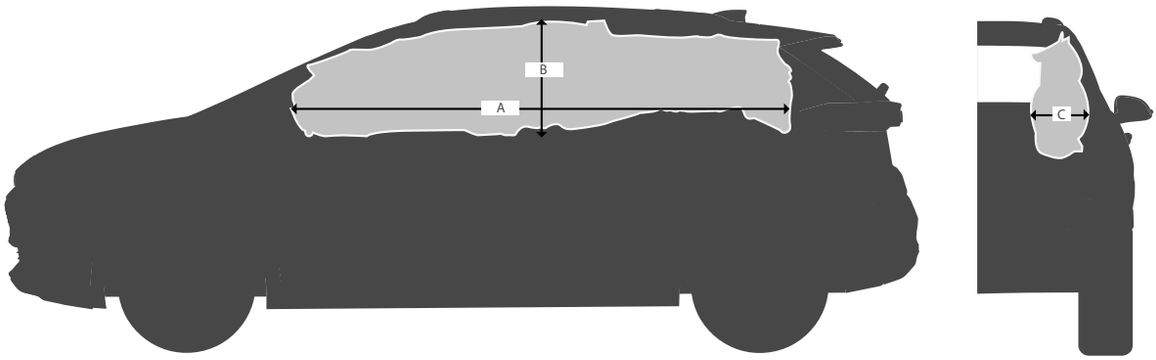
Keeping the center of gravity midway between the axles is also important to provide proper braking performance. About half the total vehicle weight on each axle is recommended.

Weigh your vehicle after the additional equipment has been installed to determine the actual weight of your vehicle. Weigh the vehicle without passengers. You may need to put a limit on how many people or other equipment you can carry inside your vehicle after the additional equipment has been installed.

Note: See loading zone weight chart and diagram

AIRBAGS

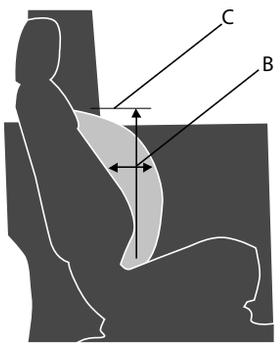
2022 BOLT EUV HEAD-CURTAIN AND FRONT AND REAR SEAT SIDE IMPACT AIRBAGS



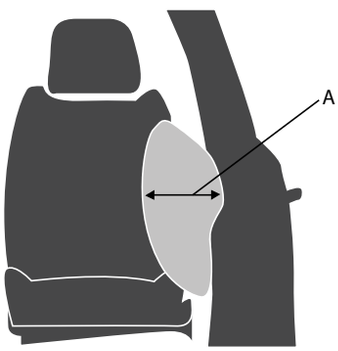
HEAD CURTAIN AIRBAG

DRIVER SIDE SHOWN - PASSENGER SIDE SIMILAR

A. AIRBAG LENGTH	70.9 in / 1801 mm
B. AIRBAG HEIGHT	19.9 in / 505 mm
C. AIRBAG WIDTH	6.25 in / 159 mm



SIDE VIEW



FRONT VIEW

FRONT SEAT SIDE IMPACT AIRBAG

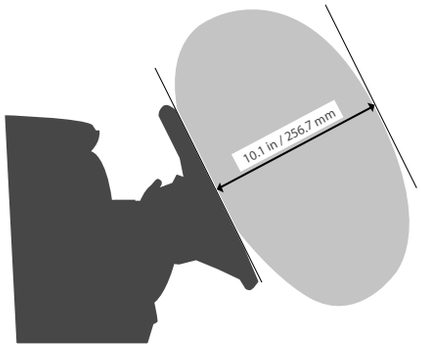
DRIVER SEAT SHOWN - FRONT OUTBOARD PASSENGER SIMILAR

A. AIRBAG WIDTH	10.1 in / 257 mm
B. AIRBAG LENGTH	12.7 in / 323 mm
C. AIRBAG HEIGHT	23.2 in / 590 mm

Sitting too close to an airbag when it deploys can increase the risk of serious injury or death. Always properly wear your seat belt. See Owner's Manual for more information.

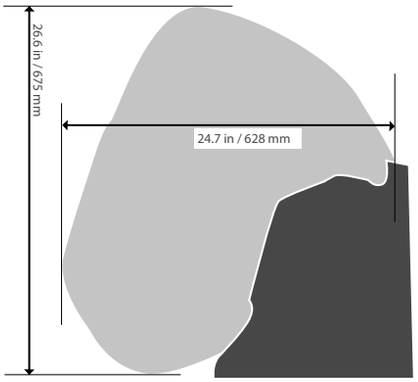
AIRBAGS

2022 BOLT EUV FRONTAL AIRBAGS



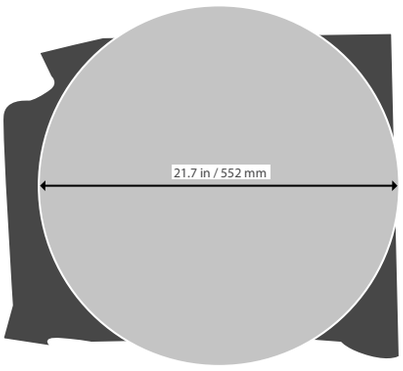
STEERING DRIVER AIRBAG

VIEW FROM DRIVER SIDE



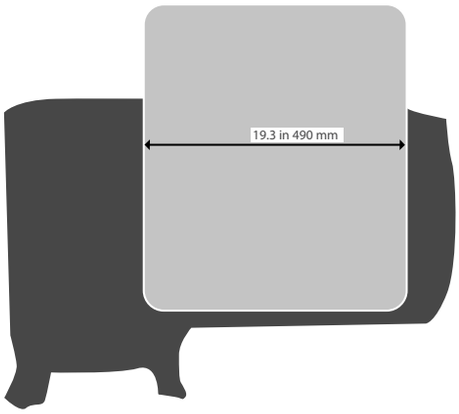
FRONT OUTBOARD PASSENGER AIRBAG

VIEW FROM PASSENGER SIDE



STEERING WHEEL DRIVER AIRBAG

VIEW FROM DRIVER SEAT



FRONT OUTBOARD PASSENGER AIRBAG

VIEW FROM PASSENGER SEAT

Sitting too close to an airbag when it deploys can increase the risk of serious injury or death. Always properly wear your seat belt. See Owner's Manual for more information.

AIRBAGS FAQ

Q: Can equipment such as radar devices, video cameras, and radio trees be mounted in a specialty vehicle equipped with a right front passenger frontal airbag?

A: Yes, but care must be taken to properly mount the equipment outside of the airbag "deployment zone."

Q: What is the airbag "deployment zone"?

A: The term "deployment zone" describes the space an airbag takes up when fully inflated. Airbags need room to work properly, and anything in the “deployment zone” – such as improperly mounted equipment – can greatly affect the performance of the airbag.

Q: How can I identify the airbag "deployment zone" in my vehicle?

A: See Airbag Deployment Diagrams for more information. The diagrams provide the approximate dimensions of the "deployment zones" for your specialty vehicle. Before doing any service work, including the installation of any equipment, consult the appropriate service manual.

Q: Is it possible to shield equipment so it does not interfere with airbag deployment?

A: While shielding may protect certain equipment from being damaged or dislodged, it may also negatively affect how an airbag inflates. Therefore, we do not recommend the placement of any equipment in the deployment zone, even if shielded.

Q: Can the installation of push bumpers on the front end of the vehicle affect the deployment of the airbag?

A: It is not likely that installing push bumpers will affect deployment for the airbag as long as the vehicle structure itself is not modified. GM is not aware of any adverse effect on the deployment of the front airbags due to use of many aftermarket push bumpers installed on current GM vehicles

See "Adding Equipment to the Airbag-Equipped Vehicle" in the owner manual for more information.

Customer-Installed Equipment
Before installing equipment, read the following.
Airbags inflate with great force, faster than the blink of an eye. No objects, including a shotgun etc., should be placed over or near the airbag covers. Equipment mounted too close to an inflating airbag could prevent the airbag from operating properly to protect the occupants or could be forced into an occupant or break and become a dangerous projectile, causing severe injury or even death. To help prevent injury and to allow the airbag to perform as it was designed, do not mount equipment inside the airbag deployment zones.

Do not attach anything to the steering wheel hub or mount any equipment within the deployment zone for the driver airbag.

Do not mount equipment on the passenger side of the instrument panel top pad deployment zone. Equipment should not be mounted on or around the passenger airbag opening because of a deploying airbag. To allow the airbag to perform as it was designed, do not mount equipment inside the airbag deployment zone.

Do not mount a security barrier such that the ends of the barrier or brackets are within the roof-rail airbag deployment zones.

Avoid installing wiring for roof-rail emergency lighting or radio antennas that may restrict the proper deployment of the roof-rail airbags.

GM approved service procedures must be followed to remove and reinstall the instrument panel to the pad to ensure proper airbag deployment.

The vehicle has a rollover sensor mounted on the centerline of the vehicle between the driver and front outboard passenger positions. If the vehicle has individual front seats, the rollover sensor will be exposed. Do not mount equipment within 25 mm (1 in) of the rollover sensor. This may affect the performance of multiple restraint systems.

Sitting too close to an airbag when it deploys can increase the risk of serious injury or death. Always properly wear your seat belt. See Owner's Manual for more information.

MAINTENANCE / LIMITED WARRANTY

SCHEDULED MAINTENANCE	One visit within first year of vehicle delivery[1]
BUMPER-TO-BUMPER LIMITED WARRANTY	3 years/36,000 miles[2]. Bumper-to-Bumper Limited Warranty with no deductible
TRANSFERABLE LIMITED BATTERY SYSTEM WARRANTY	Qualified Fleet Customers: 8-year/100,000-mile[3]
TIRES[4]	3 years/36,000 miles[2]; coverage prorated after first 12,000 miles
ROADSIDE ASSISTANCE AND COURTESY TRANSPORTATION	Qualified Fleet Customers: 5 years/100,000 miles[3]
RUST-THROUGH	6 years/100,000 miles[2]
CORROSION	3 years/36,000 miles[2]
WHEEL ALIGNMENT AND BALANCE	Up to 7,500 miles[6]

1. Includes first required maintenance visit as stated in vehicle maintenance schedule. Maintenance visit consists of oil change, tire rotation and Multi-Point Vehicle Inspection. Does not include air filters. See participating dealer for other restrictions and complete details. Excludes vehicles ordered with fleet delete option RY9. **2.** Whichever comes first. See dealer for limited warranty details. **3.** Whichever comes first. A Qualified Fleet User is defined as a company that has purchased and registered or leased five (5) or more new cars/or trucks solely for use in its operation during the current or preceding calendar year, model year, preceding twelve (12) month period, or that owns or leases fifteen (15) or more cars and trucks. Excludes rental customers. See dealer for details. **4.** Tires also covered under the Bumper-to-Bumper Warranty but are prorated based upon mileage. See dealer for warranty details. **5.** If the vehicle has a warrantable failure, see your Owner's Manual for full details on the Courtesy Transportation program. **6.** Customer maintenance item after 7,500 miles.

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